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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of: Lee et al.

Attorney Docket No.:
NOVLP033X1/NVLS-000498X1

Application No.: 10/649,351

Examiner: Pham, Thanhha S.

Filed: August 26, 20003

Group: 2813

Title: METHOD FOR REDUCING
TUNGSTEN FILM ROUGHNESS AND
IMPROVING STEP COVERAGE

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on April 25, 2005 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

Signed: _____

Tara Hayden

**INFORMATION DISCLOSURE STATEMENT
BEFORE FINAL ACTION OR NOTICE OF ALLOWANCE
(37 CFR §§ 1.56 AND 1.97(c))**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, a copy of which is attached, may be material to examination of the above-identified patent application. Applicants submit this reference in compliance with their duty of disclosure pursuant to 37 CFR §§ 1.56 and 1.97. The Examiner is requested to make this citation of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that this reference indeed constitutes prior art.

This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits, or after three months of the filing date of this application, whichever event occurred last, but it is believed before the mailing date of either: (i) a final action under § 1.113 or (ii) a notice of allowance under § 1.311, whichever occurs first.

Accompanying this Information Disclosure Statement is

☐ a statement as specified in 37 CFR 1.97(e); or

☒ the fee set forth in 37 CFR 1.17(p).

If fees are due, enclosed is our Check No. ~~10554~~ for \$180.00 in payment of the Information Disclosure Statement Fee. If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. NOVLP033X1).

Respectfully submitted,

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| Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary) | Atty Docket No. NOVLP033X1/NVLS-000498X1 Applicant: Lee et al. Filing Date August 26, 2003 | Application No.: 10/649,351 Group 1762 |
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U.S. Patent Documents

| Examiner Initial | No. | Patent No. | Date | Patentee | Class | Sub-class | Filing Date |
|------------------|-----|------------|----------|----------------|-------|-----------|-------------|
| | A1 | 6,607,976 | 08/19/03 | Chen et al. | | | 09/25/01 |
| | A2 | 6,635,965 | 10/21/03 | Lee et al. | | | 10/09/01 |
| | A3 | 6,740,585 | 05/25/04 | Yoon et al. | | | 01/09/02 |
| | A4 | 6,861,356 | 03/01/05 | Matsuse et al. | | | 08/22/02 |
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Foreign Patent or Published Foreign Patent Application

| Examiner Initial | No. | Document No. | Publication Date | Country or Patent Office | Class | Sub-class | Translation | |
|------------------|-----|--------------|------------------|--------------------------|-------|-----------|-------------|----|
| | | | | | | | Yes | No |
| | B1 | WO01/27347 | 04/19/01 | WIPO | | | X | |
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Other Documents

| Examiner Initial | No. | Author, Title, Date, Place (e.g. Journal) of Publication |
|------------------|-----|---|
| | C1 | Levy et al., U.S. Patent No. 10/690,492, filed October 20, 2003, Office Action dated March 23, 2005 |
| | C2 | |
| | C3 | |
| | C4 | |
| Examiner | | Date Considered |

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.